

Fig. 1

N-terminal sequence of the 90 kDa and 65 kDa isoforms of angiotensin I converting enzyme

	2	5	10	15
90 ACE	Asp Pro X	Leu Gln Pro Gly Asn Pl	ne Ser X Asp Glu A	ala Gly Ala Gln Leu Phe
65 ACE	Asp Pro Gly	Leu Gln Pro Gly Asn Ph	ne Ser Ala Asp Glu	X Gly Ala Gln Leu Phe
Somatic ACE	Asp Pro Gly 1	Leu Gin Pro Gly Asn Ph	e Ser Ala Asp Glu A	la Gly Ala Gln Leu Phe
Rat ACE	Asp Pro Gly 1	Leu Gln Pro Gly Asn Ph	e Ser Ala Asp Glu A	la Gly Ala Gln Leu Phe
Mouse ACE	Asp Pro Gly I	Leu Gln Pro Gly Asn Ph	e Ser Pro Asp Glu A	la Gly Ala Gin Leu Phe
Bovine ACE	Asp Pro Ala	Leu Gln Pro Gly Asn Pl	ne Pro Ala Asp Glu A	Ala Gly Ala Gln Ile Phe

Fig. 2A

C-terminal sequence of the 90 kDa and 65 kDa isoforms of angiotensin I converting enzyme

65 kDa:

GYLVDQXRXGVFS

Somatic:

GLLDRVTNDTESDINYLLKMALEKIAFLPFGYLVDQWRWGVFSGRTPPSRY

460 470

The 65 kDa enzyme ends at number 481 aminoacid

90 kDa:

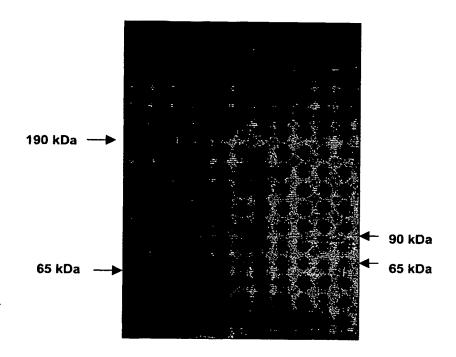
EVLGXPEYQXHPP

Somatic: VGLDALDAQPLLKYFQPVTQWLQEQNQQNGEVLGWPEYQWHPPLPDNYPE

620

The 90 kDa enzyme ends at number 632 aminoacid

Fig. 2B



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FIG. 3

raw urine

11

Centrifugation for 10 minutes
3000 rpm, at 4°C

U

Concentration 4x in
Ultrafree (Millipore)
tube
Centrifugation for 5
minutes
3000 rpm, at 4°C

U

Concentrated and dialyzed urine

HPLC-MS

FIG. 4